converting, by a converter, the reset signal, which has been output from the application executer, into a format which is suitable for the interface module.

10. The control method according to claim **9**, further comprising:

supplying, by a power source, electric power to the field device, the power source being prepared in the interface module; and

cutting off, by a cutoff part, the electric power supplied from the power source to the field device based on the reset signal converted by the converter, the cutoff part being prepared in the interface module

11. The control method according to claim **9**, further comprising:

executing, by the application executer, reset logic which comprises a first virtual terminal for outputting the reset signal, and

executing, by the converter, a software module which comprises a second virtual terminal and a converting module,

wherein the reset signal, which has been output from the first virtual terminal, is input into the second virtual terminal, and

wherein the converting module configured to convert the reset signal, which has been input into the second virtual terminal, into a format which is suitable for the interface module.

12. The control method according to claim **11**, further comprising:

outputting, by the interface module, a measurement value, which has been received from the field device, to the software module,

wherein the software module comprises a third virtual terminal which is configured to output the measurement value output from the interface module.

13. The control method according to claim **12**, further comprising:

executing safety logic by the application executer,

wherein the safety logic comprises:

a fourth virtual terminal into which the measurement value, which has been output from the third virtual terminal, is input;

a first function block configured to generate a driving signal for driving an alarm device or a shutoff device installed in the plant; and

a fifth virtual terminal configured to output the driving signal generated by the first function block, and

wherein the software module comprises:

a sixth virtual terminal into which the driving signal, which has been output from the fifth virtual terminal, is input.

14. The control method according to claim **13**, further comprising:

transmitting, by the safety logic, the measurement value, which has been input into the fourth virtual terminal, to an operation monitoring terminal connected to the control device through a network.

15. The control method according to claim **14**,

wherein the reset logic further comprises a second function block which is configured to generate the reset signal if the reset logic has received reset instructions from the operation monitoring terminal.

16. The control method according to claim **13**, further comprising:

transmitting, by a second interface module, the driving signal to the alarm device or the shutoff device, and

outputting, by the software module, the driving signal, which has been input into the sixth virtual terminal, to the second interface module.

17. A control device comprising:

one or more interface module configured to output a signal to a field device installed in a plant, and/or into which a signal is input from the field device; and

a software module comprising a converting module, the converting module being configured to convert the signal, which has been output from an application logic executed by an application executer, into a format which is suitable for the interface module and output the converted signal, and/or the converting module being configured to convert the signal, which has been input from the interface module, into a format which is suitable for the application logic.

18. The control device according to claim **17**,

wherein the software module comprises:

one or more first virtual terminal into which the signal is input from the application logic; and

one or more second virtual terminal into which the signal is input from the interface module,

wherein the application logic comprises a third virtual terminal which is configured to output the signal to the software module, and

wherein the converting module is configured to convert the signal, which has been output from the third virtual terminal and input into the first virtual terminal, into a format which is suitable for the interface module, or the converting module is configured to convert the signal, which has been output from the interface module and input into the second virtual terminal, into a format which is suitable for the application logic.

19. The control device according to claim **17**,

wherein the application logic is configured to output a reset signal for resetting the field device to the converting module,

wherein the converting module is configured to convert the reset signal, which has been output from the application logic, into a format which is suitable for the interface module, and

wherein the interface module comprises:

a power source configured to supply electric power to the field device; and

a cutoff part configured to cut off the electric power supplied from the power source to the field device based on the reset signal converted by the converter.

20. The control device according to claim **17**,

wherein the interface module is configured to output a measurement value, which has been received from the field device, to the software module,

wherein the software module is configured to output the measurement value, which has been output from the interface module, to the application logic, and

wherein the application logic is configured to generate a driving signal for driving an alarm device or a shutoff device installed in the plant based on the measurement value output from the software module.

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